



PTO/SB/08A (05-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/799,162
		Filing Date	March 12, 2004
		First Named Inventor	David G. Winker
		Art Unit	1646
		Examiner Name	
Sheet 1 of 3	Attorney Docket Number	60117-39	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	XZ	US-6,495,736	12-17-2002		
		US-6,489,445	12-03-2002		
		US-6,395,511	05-28-2002		
		US-5,780,263	08-14-1998		
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	5/23/06
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PTO/STP 08B (05-03)

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		Filing Date		March 12, 2004	
		First Named Inventor		David G. Winkler	
		Art Unit		1646	
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Sheet	2	of	3	Attorney Docket Number	60117-39

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
XZ		BALEMANS ET AL., <i>Extracellular Regulation of BMP Signaling in Vertebrates: A Cocktail of Modulators</i> , DEVELOPMENTAL BIOLOGY 250:231-250, 2002.		
		BONDESTAM, <i>Ligands & Signaling Components of the Transforming Growth Factor β Family</i> , HELSINKI UNIVERSITY BIOMEDICAL DISSERTATIONS NO. 17, 2002.		
		EBARA ET AL., <i>Mechanism for the Action of Bone Morphogenetic Proteins and Regulation of Their Activity</i> , SPINE, 27(165):S10-S15, 2002.		
		GROPPE ET AL., <i>Structural Basis of BMP Signalling Inhibition by the Cystine Knot Protein Noggin</i> , NATURE, 420:636-642, 2002.		
		KOLI ET AL., <i>Latency, Activation, and Binding Proteins of TGF-β</i> , MICROSCOPY RESEARCH AND TECHNIQUE, 52:354-362, 2001.		
		VON BUBNOFF ET AL., <i>Intracellular BMP Signaling Regulation in Vertebrates: Pathway or Network?</i> , DEVELOPMENTAL BIOLOGY, 239:1-14, 2001.		
		OELGESCHLAGER ET AL., <i>The Evolutionarily Conserved BMP-Binding Protein Twisted Gastrulation Promotes BMP Signaling</i> , NATURE 105:757-763, 2000.		
		REDDI, <i>Interplay Between Bone Morphogenetic Proteins and Cognate Binding Proteins in Bone Cartilage Development: Noggin, Chordin and DAN</i> , ARTHRITIS RESEARCH, 3(1):1-5.		
		KHALIL, <i>TGF-β: From Latent to Active</i> , MICROBES AND INFECTION, 1255-1263, 1999.		
		LIAN ET AL., <i>Bone Formation: Osteoblast Lineage Cells, Growth Factors, Matrix Proteins, and the Mineralization Process</i> , PRIMER ON THE METABOLIC BONE DISEASES AND DISORDERS OF MINERAL METABOLISM, 4TH EDITION, 14-29, 1999.		
		PITTENGER ET AL., <i>Multilineage Potential of Adult Human Mesenchymal Stem Cells</i> , SCIENCE, 284:143-147, 1999.		
		SCHMITT ET AL., <i>Bone Morphogenetic Proteins: An Update on Basic Biology and Clinical Relevance</i> , JOURNAL OF ORTHOPAEDIC RESEARCH, 17:269-278, 1999.		
✓		SMITH, <i>TGF β Inhibitors New and Unexpected Requirements in Vertebrate Development</i> , TIG, 15(1):3-5, 1999.		
Examiner Signature			Date Considered	5/23/06

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X2		HSU ET AL., <i>The Xenopus Dorsalizing Factor Gremlin Identifies a Novel Family of Secreted Proteins that Antagonize BMP Activities</i> , MOLECULAR CELL, 1:673-683, 1998.		
		IEMURA ET AL., <i>Direct Binding of Follistatin to a Complex of Bone-Morphogenetic Protein and its Receptor Inhibits Ventral and Epidermal Cell Fates in Early Xenopus Embryo</i> , PROC. NATL. ACAD. SCI. USA, 95:9337-9342, 1998.		
		DURHAM ET AL., <i>Alterations in Insulin-Like Growth Factor (IGF)-Dependent IGF-Binding Protein-4 Proteolysis in Transformed Osteoblastic Cells</i> , ENDOCRINOLOGY, 136(4):1374-1380, 1995.		
		MIYAZONO ET AL., <i>Transforming Growth Factor-β: Latent Forms, Binding Proteins and Receptors</i> , GROWTH FACTORS, 8:11-22, 1993.		
		POCKWINSE ET AL., <i>Expression of Cell Growth and Bone Specific Genes at Single Cell Resolution During Development of Bone Tissue-Like Organization in Primary Osteoblast Cultures</i> , JOURNAL OF CELLULAR BIOCHEMISTRY, 49:310-323, 1992.		
✓		RIGGS, <i>Overview of Osteoporosis</i> , THE WESTERN JOURNAL OF MEDICINE, 154:63-77, 1991.		
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DEC 6 7 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)					
Sheet	1	of	2		

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XZ		WO-01/64885	09-07-2001		
		WO-99/15556	04-01-1999		
		WO-99/03996	01-28-1999		
✓		WO-98/21335	05-22-1998		

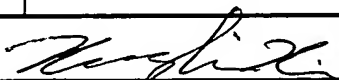
Examiner Signature	<i>Karl T.</i>	Date Considered	5/23/06
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X2		BALEMANS ET AL., <i>Increased Bone Density in Sclerosteosis is Due to the Deficiency of a Novel Secreted Protein (SOST)</i> , HUMAN MOLECULAR GENETICS, 10(5):537-543, 2001.	
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